

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/001827

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: E04F 15/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: E04F, E04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| X | PATENT ABSTRACT OF JAPAN vol 1996, no. 02, 29 February 1996 (1996-02-29) & JP 7279366 A (MASAHIKO NIWA), 27 October 1995 (1995-10-27) abstract | 1 |
| Y | -- | 2-9,12-16 |
| X | PATENT ABSTRACT OF JAPAN vol. 1996, no. 08, 30 August 1996 (1996-08-30) & JP 8086078 A (DANTANI PLYWOOD CO LTD), 02 April 1996 (1996-04-02) abstract | 1 |
| Y | -- | 2-9,12-16 |

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

3 February 2005

Date of mailing of the international search report

09-03-2005

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Tommy Blomberg / JA A

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001827

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | WO 02081843 A1 (M. KAINDL), 17 October 2002 (17.10.2002), claims 1,5 -- | 7-8 |
| Y | FR 2810060 A1 (YKK FRANCE), 14 December 2001 (14.12.2001), figures 5,7-8, abstract -- | 9,12-13 |
| Y | US 20030084636 A1 (D. PERVAN), 8 May 2003 (08.05.2003), paragraph (0026), figure 50 -- | 14-15 |
| Y | SE 513189 C2 (PERSTORP FLOORING AB), 24 July 2000 (24.07.2000), page 7 -- | 16 |
| A | DE 3304992 A1 (DEUTSCHE HOLZVEREDELUNG ALFONS & EWALD SCHMEING), 16 August 1984 (16.08.1984), page 7, line 17 - line 23 -- | 1-9,12-16 |
| A | SE 514645 C2 (PERSTORP FLOORING AB), 26 March 2001 (26.03.2001), page 7 - page 8, first paragraph -- | 1-9,12-16 |
| A | PATENT ABSTRACTS OF JAPAN vol. 1995, no. 11, 26 December 1995 (1995-12-26) & JP 7229276 A (DANTANI PLYWOOD CO LTD), 29 August 1995 (1995-08-29) Abstract -- ----- | 1-9,12-16 |

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001827

| | | | | | | | |
|----|----------|----|------------|----|-------------|---|------------|
| WO | 02081843 | A1 | 17/10/2002 | AT | 410815 | B | 25/08/2003 |
| | | | | AT | 5552001 | A | 15/12/2002 |
| | | | | CA | 2443022 | A | 17/10/2002 |
| | | | | EP | 1379739 | A | 14/01/2004 |
| | | | | US | 20040139676 | A | 22/07/2004 |

| | | | | |
|----|---------|----|------------|------|
| FR | 2810060 | A1 | 14/12/2001 | NONE |
|----|---------|----|------------|------|

| | | | | | | | |
|----|-------------|----|------------|----|-------------|---|------------|
| US | 20030084636 | A1 | 08/05/2003 | AU | 2899801 | A | 07/08/2001 |
| | | | | BR | 0206563 | A | 22/06/2004 |
| | | | | BR | 0206564 | A | 25/02/2004 |
| | | | | CA | 2433487 | A | 18/07/2002 |
| | | | | CA | 2434168 | A | 18/07/2002 |
| | | | | CN | 1484727 | T | 24/03/2004 |
| | | | | CN | 1484728 | T | 24/03/2004 |
| | | | | CZ | 20031846 | A | 14/01/2004 |
| | | | | CZ | 20031850 | A | 17/03/2004 |
| | | | | EP | 1349994 | A | 08/10/2003 |
| | | | | EP | 1349995 | A | 08/10/2003 |
| | | | | HU | 0303954 | A | 01/03/2004 |
| | | | | HU | 0400740 | A | 28/07/2004 |
| | | | | IL | 156528 | D | 00/00/0000 |
| | | | | IL | 156530 | D | 00/00/0000 |
| | | | | JP | 2004518042 | T | 17/06/2004 |
| | | | | JP | 2004520502 | T | 08/07/2004 |
| | | | | NO | 20032687 | A | 12/09/2003 |
| | | | | NO | 20032688 | A | 12/09/2003 |
| | | | | NZ | 527354 | A | 24/09/2004 |
| | | | | SE | 523823 | C | 18/05/2004 |
| | | | | SE | 0100100 | A | 13/07/2002 |
| | | | | US | 6769218 | B | 03/08/2004 |
| | | | | US | 20020112433 | A | 22/08/2002 |
| | | | | WO | 02055809 | A | 18/07/2002 |
| | | | | WO | 02055810 | A | 18/07/2002 |
| | | | | AU | 3065401 | A | 14/08/2001 |
| | | | | SE | 519768 | C | 08/04/2003 |
| | | | | SE | 0100101 | A | 13/07/2002 |

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001827

| | | | | | | | |
|----|--------|----|------------|----|-------------|---|------------|
| SE | 513189 | C2 | 24/07/2000 | AU | 1193600 | A | 26/04/2000 |
| | | | | BR | 9915906 | A | 21/08/2001 |
| | | | | CA | 2346663 | A | 13/04/2000 |
| | | | | CN | 1109173 | B | 21/05/2003 |
| | | | | CN | 1328612 | T | 26/12/2001 |
| | | | | EP | 1119671 | A | 01/08/2001 |
| | | | | SE | 9902883 | A | 07/04/2000 |
| | | | | WO | 0020706 | A | 13/04/2000 |
| | | | | AU | 1302400 | A | 26/04/2000 |
| | | | | BR | 9914349 | A | 26/06/2001 |
| | | | | CA | 2346661 | A | 13/04/2000 |
| | | | | CN | 1109174 | B | 21/05/2003 |
| | | | | CN | 1331774 | T | 16/01/2002 |
| | | | | EP | 1119670 | A | 01/08/2001 |
| | | | | EP | 1394335 | A | 03/03/2004 |
| | | | | SE | 514645 | C | 26/03/2001 |
| | | | | SE | 9803379 | A | 07/04/2000 |
| | | | | US | 6763643 | B | 20/07/2004 |
| | | | | US | 20040172904 | A | 09/09/2004 |
| | | | | WO | 0020705 | A | 13/04/2000 |
| | | | | AU | 6493099 | A | 29/08/2000 |
| | | | | BR | 9917057 | A | 27/11/2001 |
| | | | | CA | 2360414 | A | 17/08/2000 |
| | | | | CN | 1107780 | B | 07/05/2003 |
| | | | | CN | 1334893 | T | 06/02/2002 |
| | | | | CZ | 293258 | B | 17/03/2004 |
| | | | | CZ | 20012848 | A | 13/02/2002 |
| | | | | DE | 29924454 | U | 28/05/2003 |
| | | | | EP | 1064654 | A | 03/01/2001 |
| | | | | EP | 1159497 | A | 05/12/2001 |
| | | | | EP | 1304427 | A | 23/04/2003 |
| | | | | EP | 1394336 | A | 03/03/2004 |
| | | | | HU | 0105225 | A | 29/04/2002 |
| | | | | PL | 349221 | A | 01/07/2002 |
| | | | | SE | 515789 | C | 08/10/2001 |
| | | | | SE | 9900432 | A | 11/08/2000 |
| | | | | TR | 200102258 | T | 00/00/0000 |
| | | | | US | 6647690 | B | 18/11/2003 |
| | | | | US | 20040068954 | A | 15/04/2004 |
| | | | | WO | 0047841 | A | 17/08/2000 |

| | | | | |
|----|---------|----|------------|------|
| DE | 3304992 | A1 | 16/08/1984 | NONE |
|----|---------|----|------------|------|

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001827

| | | | | | | | |
|----|--------|----|------------|----|-------------|---|------------|
| SE | 514645 | C2 | 26/03/2001 | AU | 1193600 | A | 26/04/2000 |
| | | | | AU | 1302400 | A | 26/04/2000 |
| | | | | BR | 9914349 | A | 26/06/2001 |
| | | | | BR | 9915906 | A | 21/08/2001 |
| | | | | CA | 2346661 | A | 13/04/2000 |
| | | | | CA | 2346663 | A | 13/04/2000 |
| | | | | CN | 1109173 | B | 21/05/2003 |
| | | | | CN | 1109174 | B | 21/05/2003 |
| | | | | CN | 1328612 | T | 26/12/2001 |
| | | | | CN | 1331774 | T | 16/01/2002 |
| | | | | EP | 1119670 | A | 01/08/2001 |
| | | | | EP | 1119671 | A | 01/08/2001 |
| | | | | EP | 1394335 | A | 03/03/2004 |
| | | | | SE | 513189 | C | 24/07/2000 |
| | | | | SE | 9803379 | A | 07/04/2000 |
| | | | | SE | 9902883 | A | 07/04/2000 |
| | | | | US | 6763643 | B | 20/07/2004 |
| | | | | US | 20040172904 | A | 09/09/2004 |
| | | | | WO | 0020705 | A | 13/04/2000 |
| | | | | WO | 0020706 | A | 13/04/2000 |
